

Serial No. 10/657,495

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

**LISTING OF CLAIMS****Claims 1-3 (canceled)**

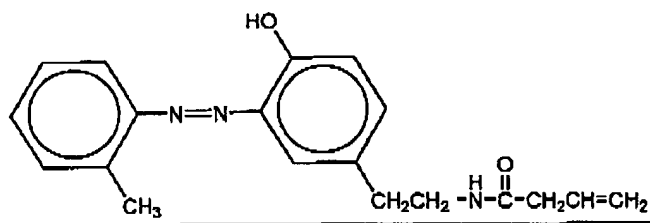
**Claim 4 (currently amended):** Polymeric compositions comprising:

at least one material comprising a compound having a formula selected from the group consisting of

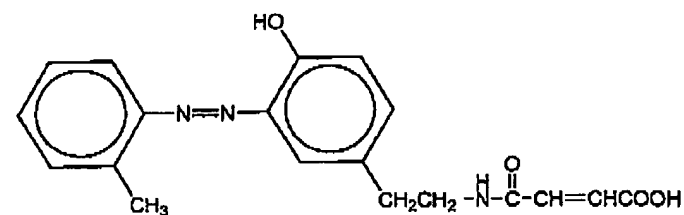


wherein the  $\text{Ar}_1$  groups represent the same or different, substituted or unsubstituted  $\text{C}_6-38$  aromatic groups;  $\text{R}_1$  is a straight or branched  $\text{C}_{1-10}$  alkylene spacer;  $\text{R}_2$  is absent, hydrogen or a  $\text{C}_{1-10}$  alkyl;  $\text{R}_3$  is absent, a straight or branched  $\text{C}_{1-10}$  alkylene spacer, or when  $\text{R}_3$  is  $\text{CH}_2\text{COOR}_2$  or  $\text{R}_3$  is  $\text{COOR}_2$ , a carbonyl group;  $\text{R}_4$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{CH}_2\text{COOR}_2$ ;  $\text{R}_5$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{COOR}_2$ ; and m is 1 or 2

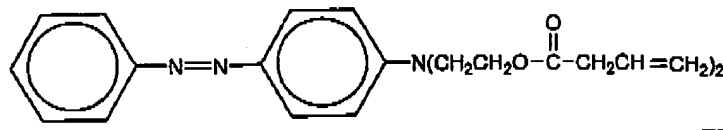
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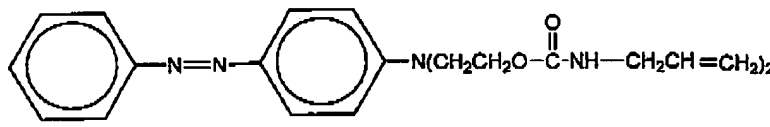
(Formula 2).



(Formula 3).



(Formula 4).



(Formula 5).

said at least one material being copolymerized with one or more acrylic-type monomers.

**Claim 5 (currently amended):** A method of making polymeric compositions comprising:

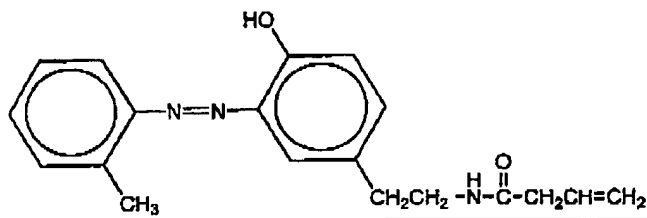
copolymerizing at least one material with one or more acrylic-type monomers, wherein said at least one material comprising a compound having a formula selected from the group consisting of



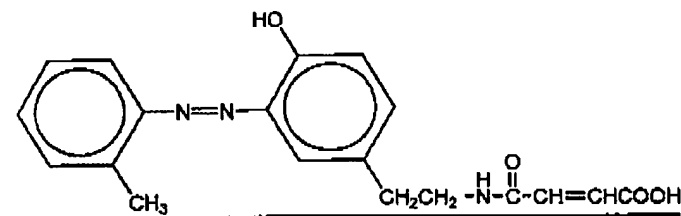
wherein the  $\text{Ar}_1$  groups represent the same or different, substituted or unsubstituted  $\text{C}_6-36$  aromatic groups;  $\text{R}_1$  is a straight or branched  $\text{C}_{1-10}$  alkylene spacer;  $\text{R}_2$  is absent, hydrogen or a  $\text{C}_{1-10}$  alkyl;  $\text{R}_3$  is absent, a straight or branched  $\text{C}_{1-10}$  alkylene spacer, or when  $\text{R}_4$  is

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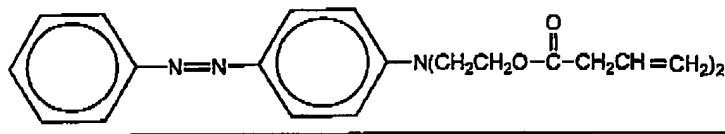
~~CH<sub>2</sub>COOR<sub>2</sub> or R<sub>5</sub> is COOR<sub>2</sub>, a carbonyl group; R<sub>4</sub> is hydrogen, a C<sub>1-10</sub>-alkyl or CH<sub>2</sub>COOR<sub>2</sub>; R<sub>6</sub> is hydrogen, a C<sub>1-10</sub>-alkyl or COOR<sub>2</sub>; and m is 1 or 2~~



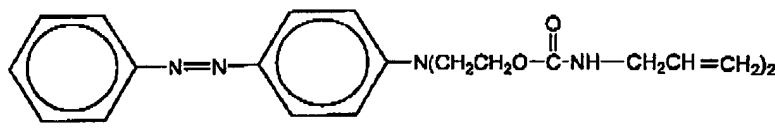
(Formula 2).



(Formula 3).



(Formula 4).



(Formula 5).

**Claim 6 (original):** The method of claim 5 wherein said polymeric compositions are produced through free radical copolymerization.

**Claim 7 (currently amended):** Polymeric compositions comprising:

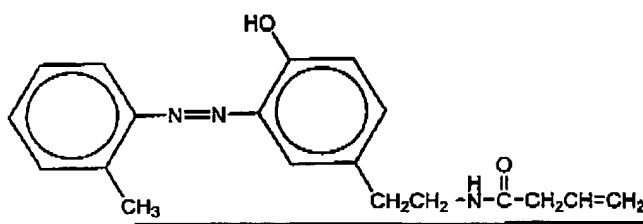
at least one material comprising a compound having a formula

selected from the group consisting of

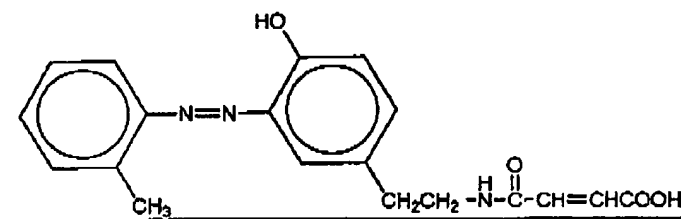


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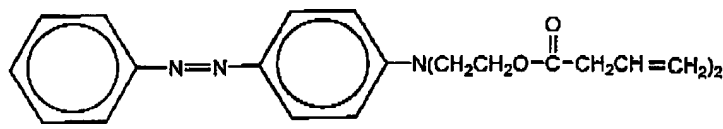
wherein the  $\text{Ar}_1$  groups represent the same or different, substituted or unsubstituted  $\text{C}_{6-38}$  aromatic groups;  $\text{R}_1$  is a straight or branched  $\text{C}_{1-10}$  alkylene spacer;  $\text{R}_2$  is absent, hydrogen or a  $\text{C}_{1-10}$  alkyl;  $\text{R}_3$  is absent, a straight or branched  $\text{C}_{1-10}$  alkylene spacer, or when  $\text{R}_4$  is  $\text{CH}_2\text{COOR}_2$  or  $\text{R}_5$  is  $\text{COOR}_2$ , a carbonyl group;  $\text{R}_4$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{CH}_2\text{COOR}_2$ ;  $\text{R}_6$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{COOR}_2$ ; and  $m$  is 1 or 2



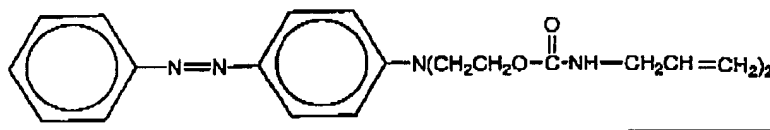
(Formula 2),



(Formula 3),



(Formula 4),



(Formula 5);

said at least one material being copolymerized with one or more siloxane oligomers.

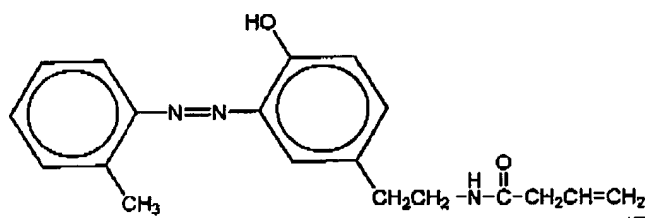
**Claim 8 (currently amended):** A method of making polymeric compositions comprising:

copolymerizing at least one material with one or more siloxane oligomers, wherein said at least one material comprising a compound having a formula selected from the group consisting of

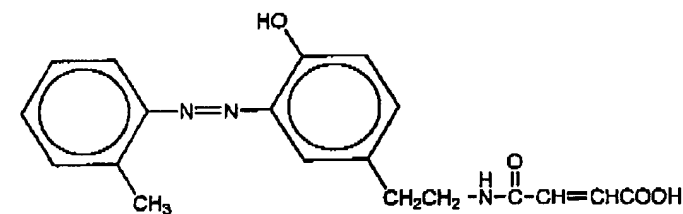
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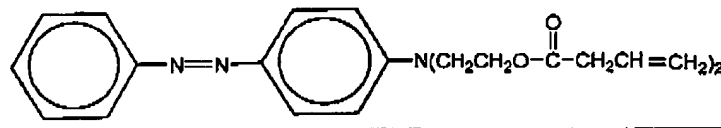
wherein the  $\text{Ar}_1$  groups represent the same or different, substituted or unsubstituted  $\text{C}_{6-26}$  aromatic groups;  $\text{R}_1$  is a straight or branched  $\text{C}_{1-10}$  alkylene spacer;  $\text{R}_2$  is absent, hydrogen or a  $\text{C}_{1-10}$  alkyl;  $\text{R}_3$  is absent, a straight or branched  $\text{C}_{1-10}$  alkylene spacer, or when  $\text{R}_4$  is  $\text{CH}_2\text{COOR}_2$  or  $\text{R}_5$  is  $\text{COOR}_2$ , a carbonyl group;  $\text{R}_4$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{CH}_2\text{COOR}_2$ ;  $\text{R}_5$  is hydrogen, a  $\text{C}_{1-10}$  alkyl or  $\text{COOR}_2$ ; and  $m$  is 1 or 2



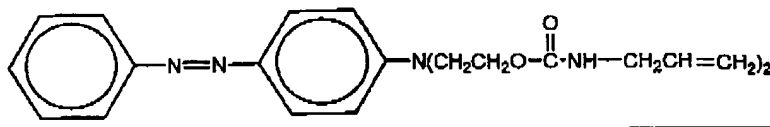
(Formula 2).



(Formula 3).



(Formula 4).



(Formula 5).

**Claim 9 (previously presented):** The method of claim 8 wherein said polymeric compositions are produced through a hydrosilylation reaction.

**Claims 10-24 (canceled)**